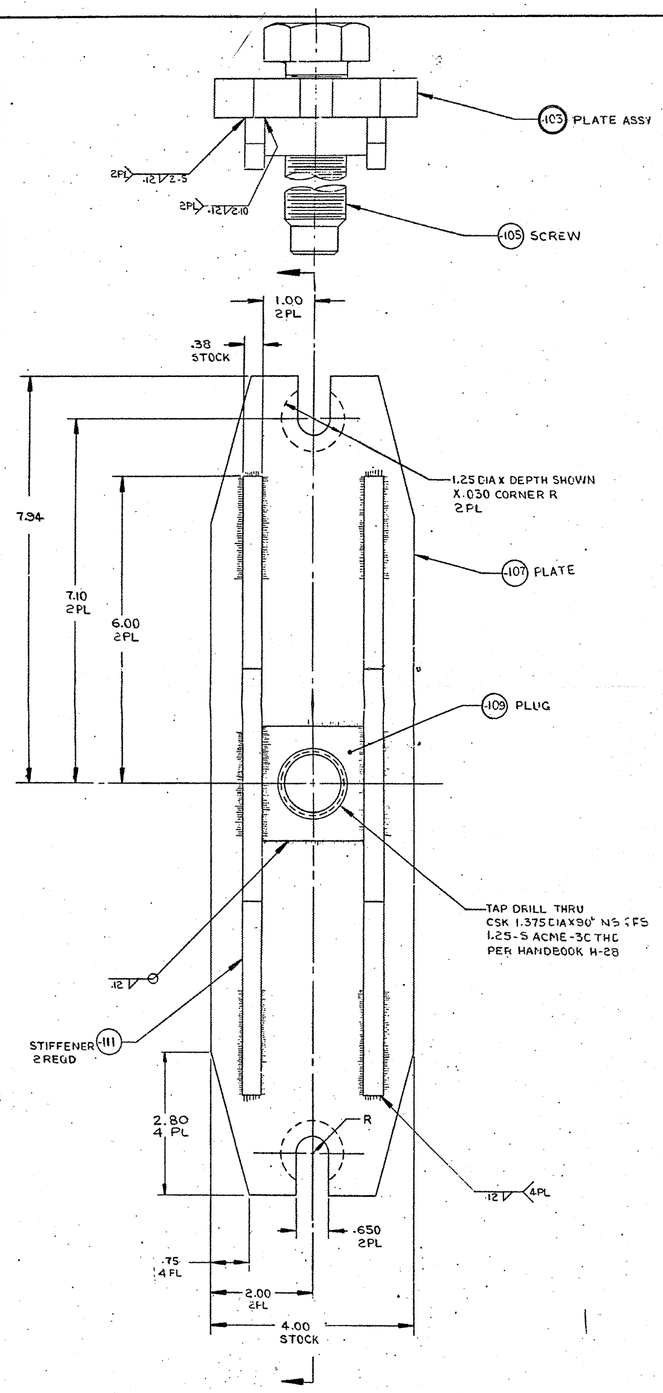
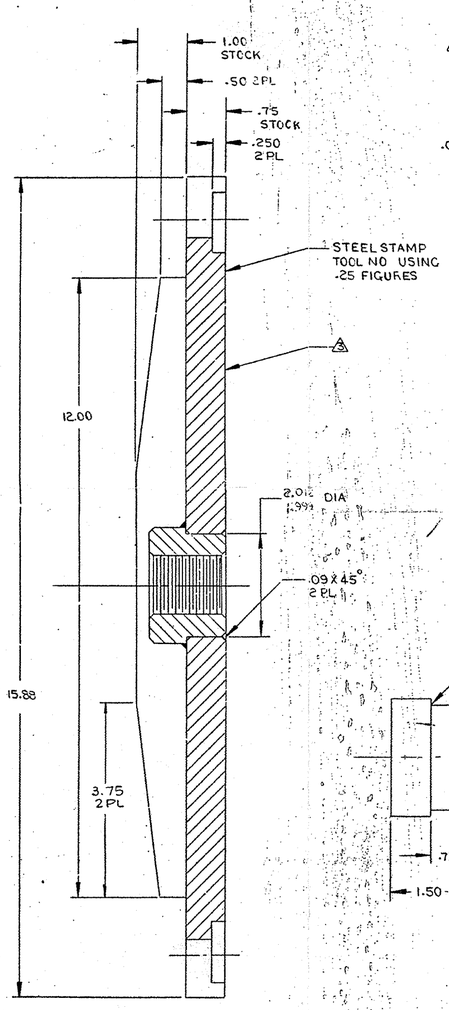
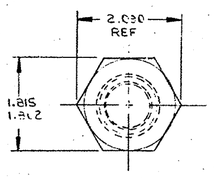
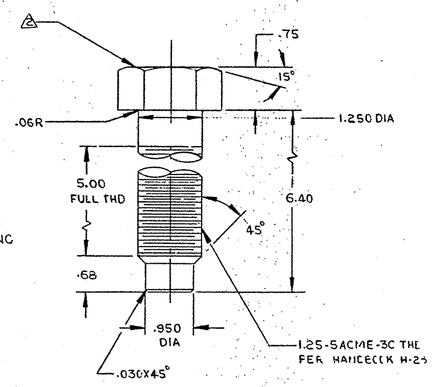
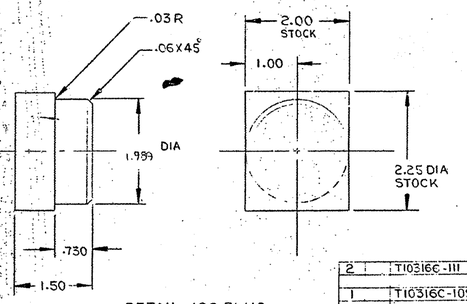








DETAIL - 105 SCREW



DETAIL - 109 PLUG

NOTES:

1. BREAK SHARP EDGES .015R OR .015 X 40°-50°.
2. HEAT TREAT TO 165-185 KSI ~ Rc 37-41. CHECK HARDNESS ON INDICATED SURFACE.
3. HEAT TREAT TO 145-165 KSI TESILE ~ Rc 32-37 CHECK HARDNESS ON INDICATED SURFACE.
4. SEE DWG 412-049-140 FOR TOOL APPLICATION.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

SHOP COPY

ITEM NO	QTY REQD	PART OR IDENTIFYING NO	CODE IDENT NO	NOMENCLATURE OR DESCRIPTION	STOCK SIZE	MATERIAL	MATERIAL SPEC	FINISH CODE SPEC NO
2		T103166-111		STIFFENER .59 X 1.0 X 12.5	4330 V STL	COMMERCIAL		
1		T103166-109		PLUG 2.0 X 2.2 C W .75	4330 V STL	COMMERCIAL		
1		T103166-107		PLATE .75 X 4 X 16.2 LG	4330 V STL	COMMERCIAL		
1		T103166-105		SCREW 2 1/4 DIA X 7.0	4340 STL	COMMERCIAL	A CB2	
1		T103166-103		PLATE ASSY			A CB2	
		T103166		SCREW AND PLATE SET				

PARTS LIST EWA 412 M 1.07 W.O. 4720

SOURCES QUALIFIED AND APPROVED BY BHT FOR STANDARDS AND MATERIALS ARE LISTED IN REPORT 299-099-900.

FOR APPROVED INTERCHANGEABLE EQUIVALENTS AND SUPERSEDED PARTS—SEE BHT STANDARD 170-001

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THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.

TEST E0412A221
DASH NO — NEXT ASSY — USED ON — APPLICATION

UNLESS OTHERWISE SPECIFIED
1. MARK PER BPS FW 4050
2. ~~BREAK ALL SHARP EDGES .015 R MAX~~
3. TORQUE PER BPS FW 4018
4. SAFETY PER BPS FW 4043
5. DIMENSIONAL LIMITS APPLY AFTER PLATING

HEAT TREAT MIL-H-6875
FINISH
PAINT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS ANGLES
XX ± .01 ± 1°
XXX ± .005
125 AAC-1000 SURFACES EXCEPT AS NOTED

DRAWN N.R. FALREDEYII-2-78
CHECKED
STRESS
WEIGHTS
GROUP ENGR
CPR
VEH DESIGN
PROJECT Lukes Cvetan 26 Jan 79
CUSTOMER

Bell Helicopter TEXTRON
A Textron Inc

TITLE
SCREW & PLATE SET - MAST BRG INSTL AND REMOVAL

DWG SIZE F | CODE IDENT NO 97499 | DWG NO T103166
SCALE 1/1 | SHEET 1 OF 1

T103166